TITLE: METHOD, APPARATUS AND SYSTEM FOR HIGH-SREED TRANSMISSION ...
INVENTOR: AGAZZI
APPLICATION NO.: UNASSIGNED,
CONF. NO. ; DOCKET NO. 13449US06
ATTORNEY: JAW, PHONE: 312-775-8000

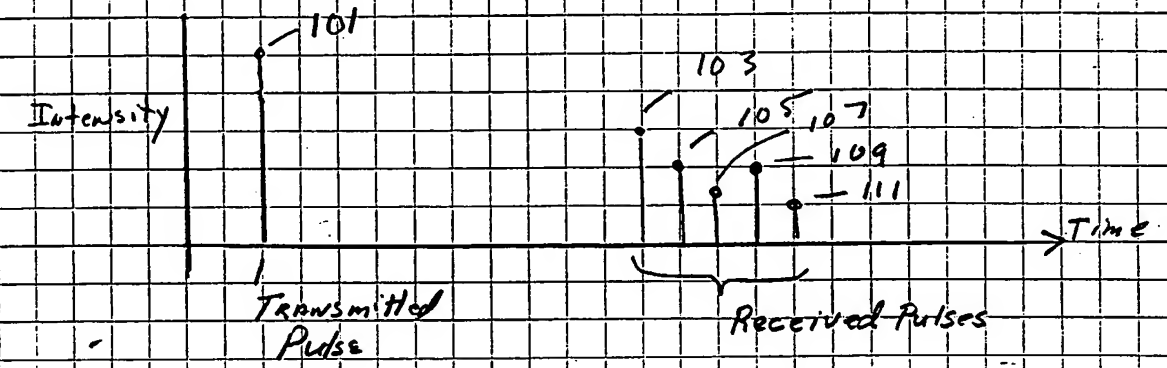


Figure 1A

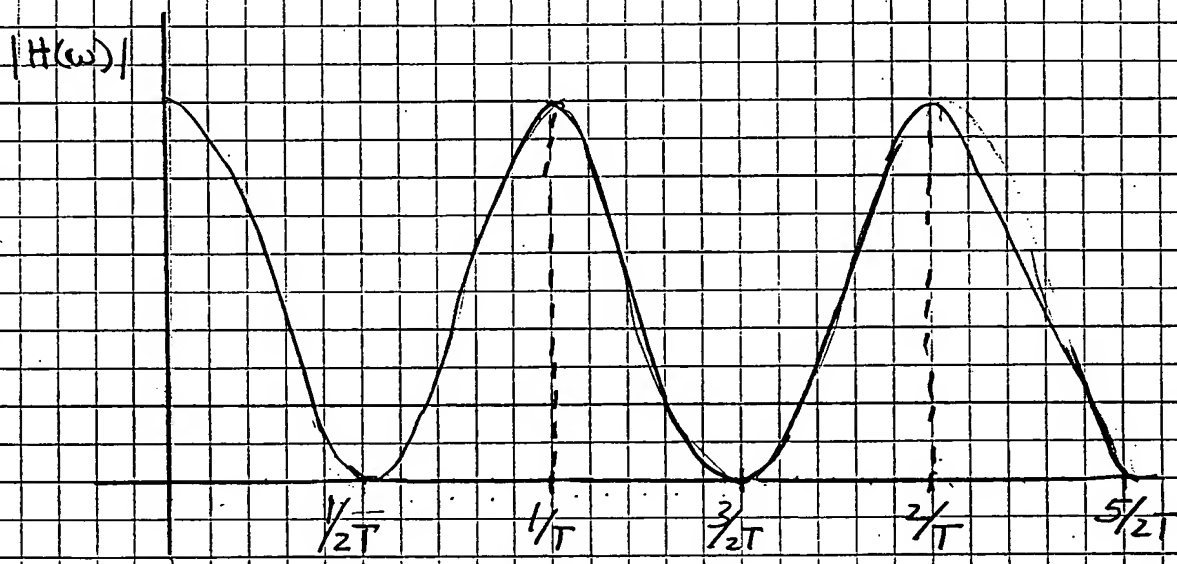
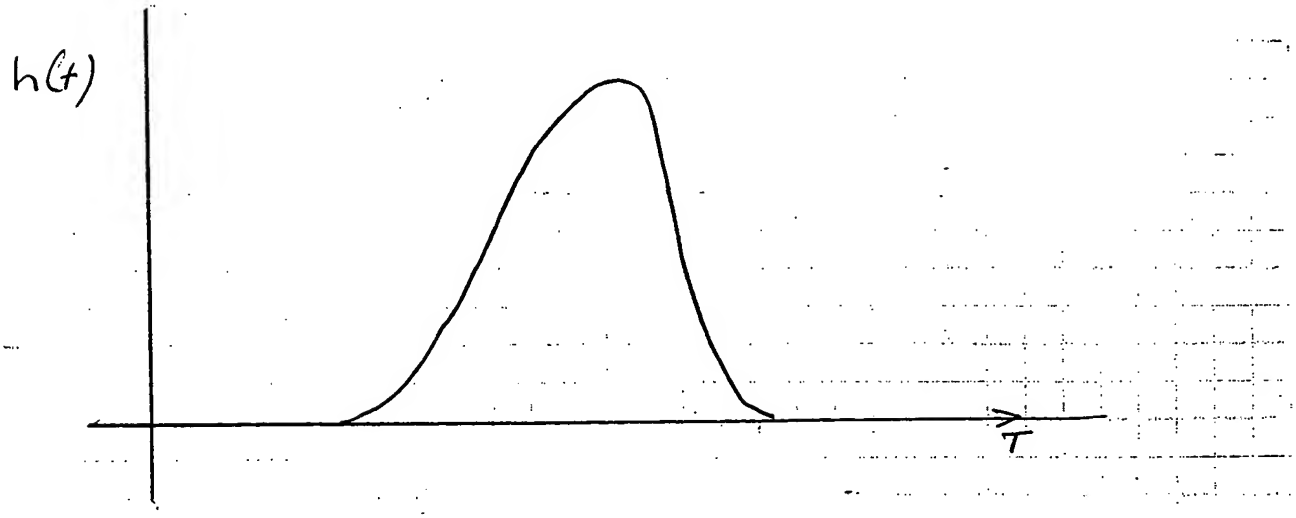


Figure 1B

B600-36980



Figuee 1C.

TITLE: METHOD, APPARATUS AND SYSTEM
FOR HIGH-SPEED TRANSMISSION ...
INVENTOR: AGAZZI
APPLICATION NO.: UNASSIGNED,
CONF. NO. ; DOCKET NO. 13449US06
ATTORNEY: JAW, PHONE: 312-775-8000

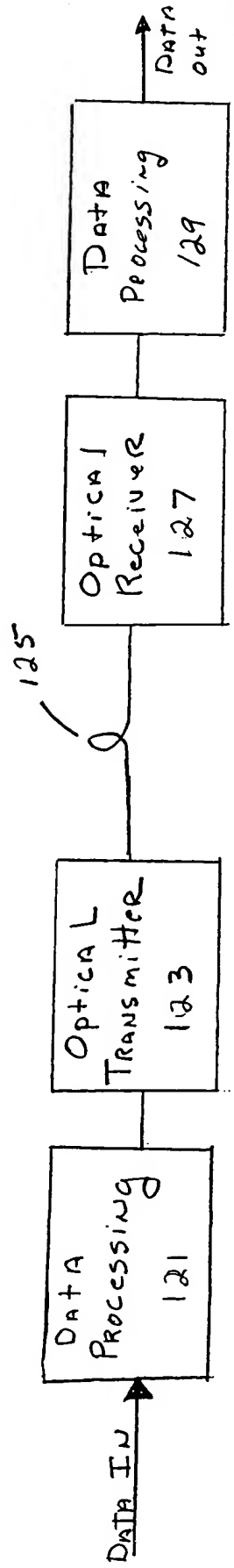


Figure #1D

Multicarrier Modulation Block Diagram (Transmitter)

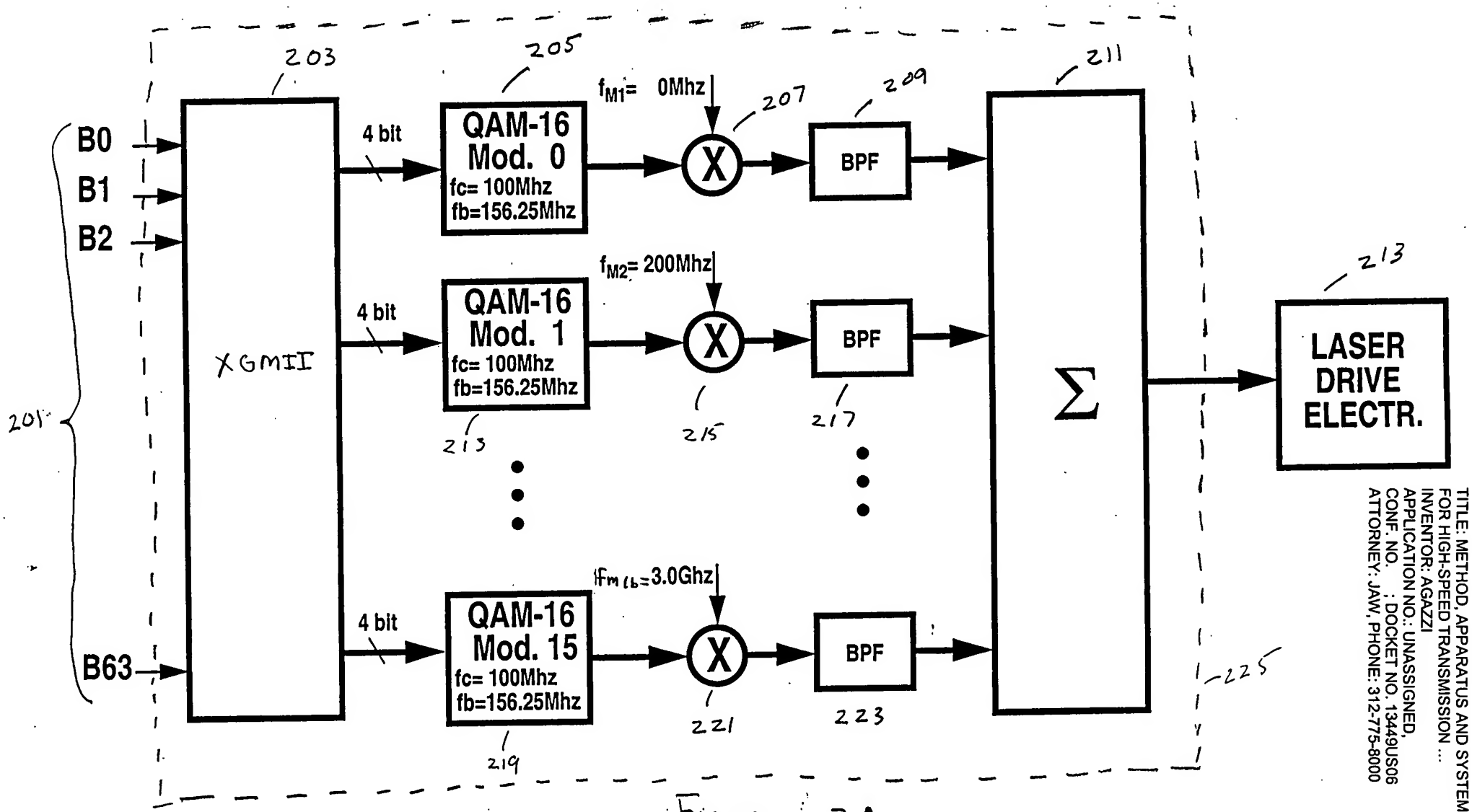
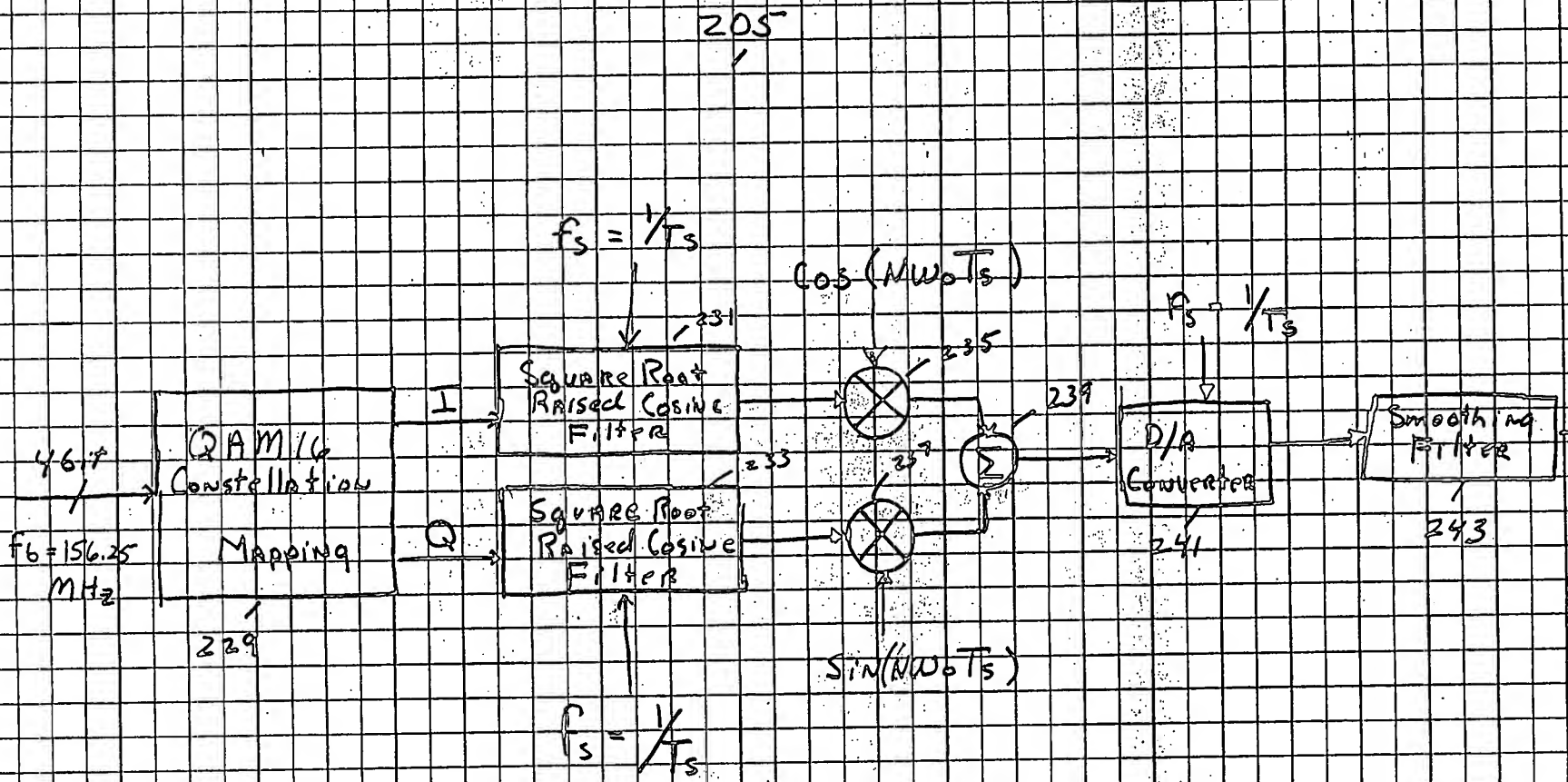


Figure 2A

TITLE: METHOD, APPARATUS AND SYSTEM FOR HIGH-SPEED TRANSMISSION ...
INVENTOR: AGAZZI
APPLICATION NO.: UNASSIGNED,
CONF. NO. ; DOCKET NO. 13449US06
ATTORNEY: JAW, PHONE: 312-775-8000

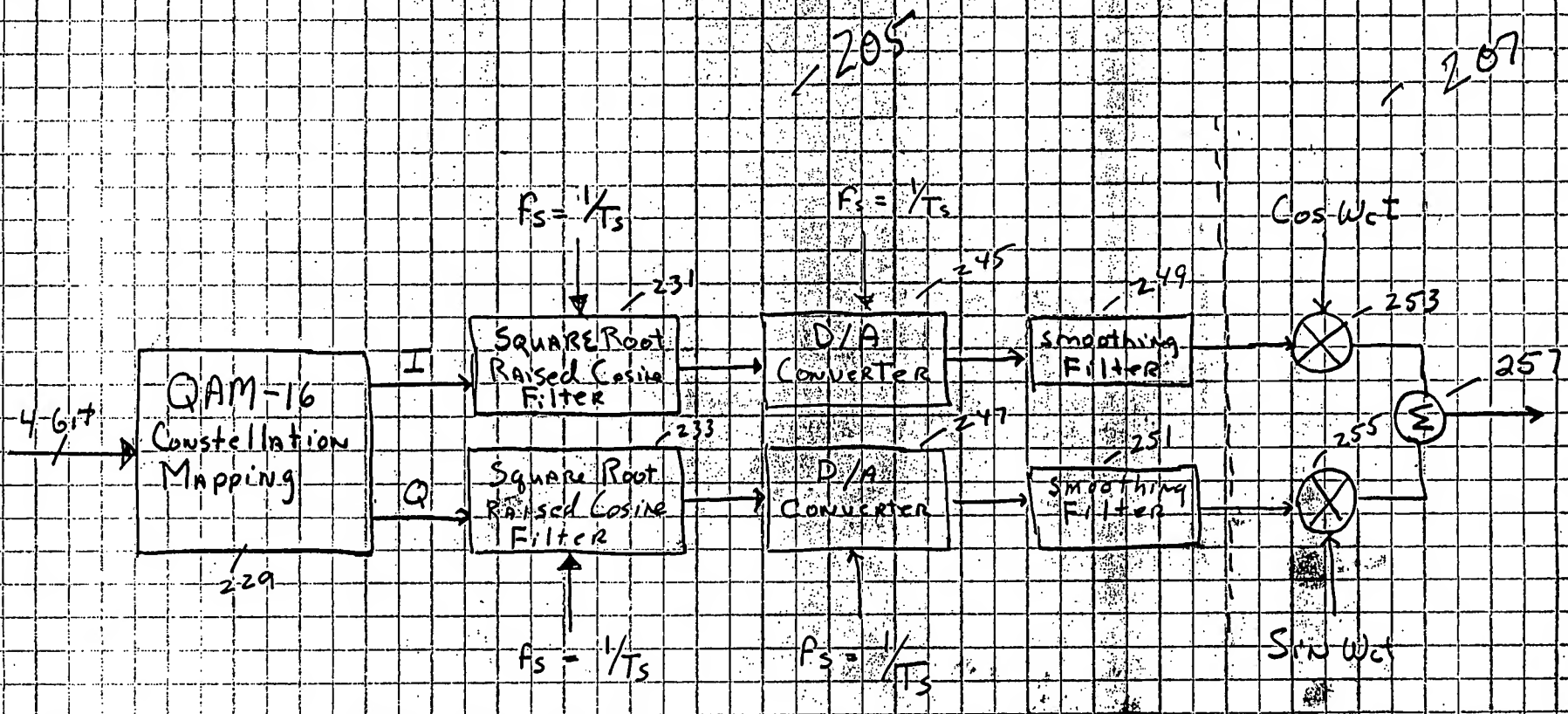


T_s = Sampling period - digital

$\omega_N = 2\pi f_s$ = digital carrier angular frequencies.

Figure 2B

TITLE: METHOD, APPARATUS AND SYSTEM FOR HIGH-SPEED TRANSMISSION...
INVENTOR: AGAZZI
APPLICATION NO: UNASSIGNED
CONF. NO. DOCKET NO. 1349US06
ATTORNEY: JAW, PHONE: 312-775-8000



T_s = Sampling period for DSP blocks

$\omega_c = 2\pi f_c$ = Analog carrier angular frequency

Figure 2C

TITLE: METHOD, APPARATUS AND SYSTEM FOR HIGH-SPEED TRANSMISSION ...
INVENTOR: AGAZZI
APPLICATION NO.: UNASSIGNED
CONF. NO. : DOCKET NO. 1344GUS06
ATTORNEY: JAW, PHONE: 312/775-8000

Multicarrier Modulation Block Diagram (Receiver)

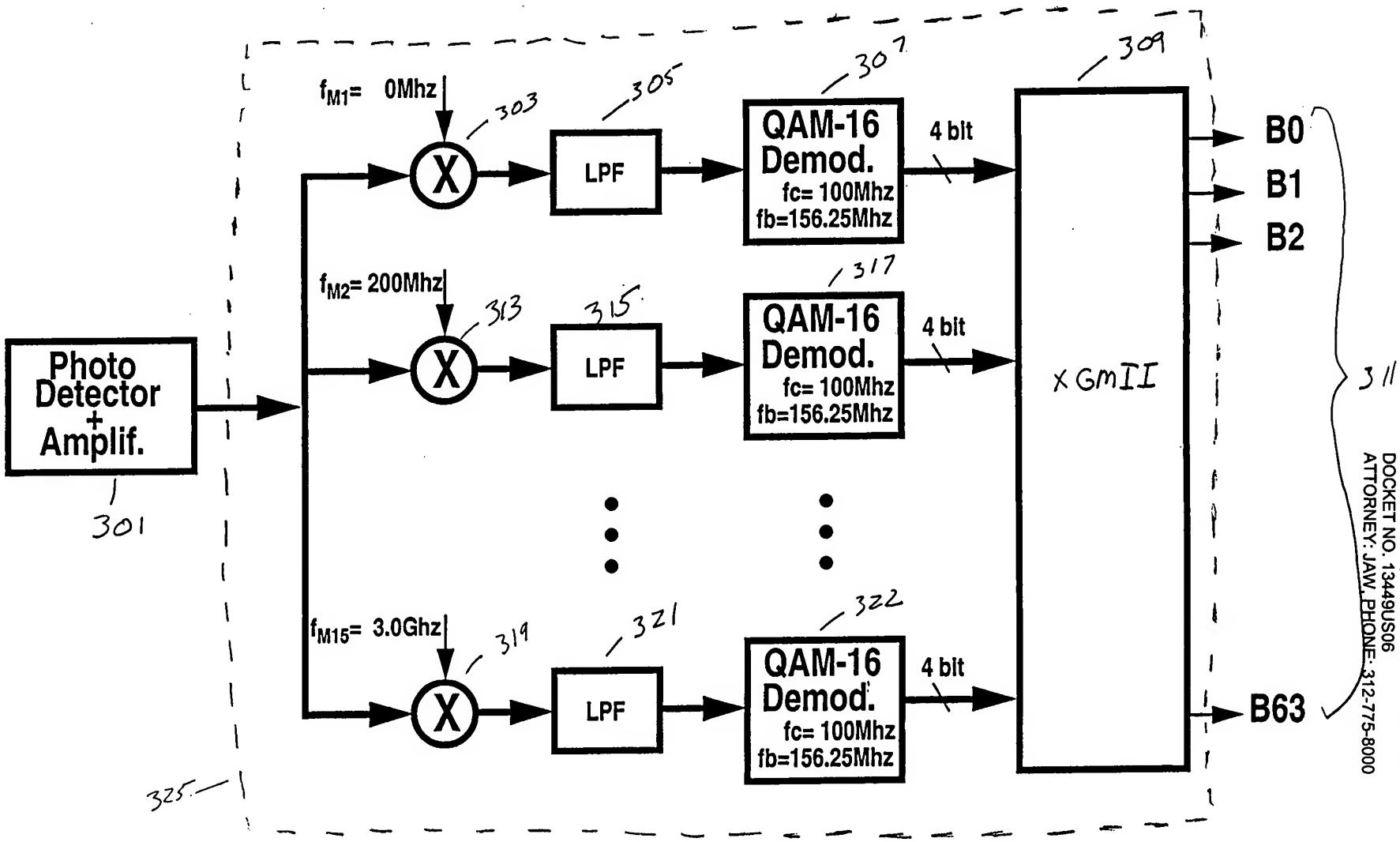


FIGURE 3

TITLE: METHOD, APPARATUS AND SYSTEM FOR HIGH-SPEED TRANSMISSION ...
APPLICATION NO.: UNASSIGNED,
CONF. NO. : DOCKET NO. 13449US06
DOCKET NO. 13449US06
ATTORNEY: JAW, PHONE: 312-775-8000

Alternative Implementation of Multicarrier Modulation (Transmitter)

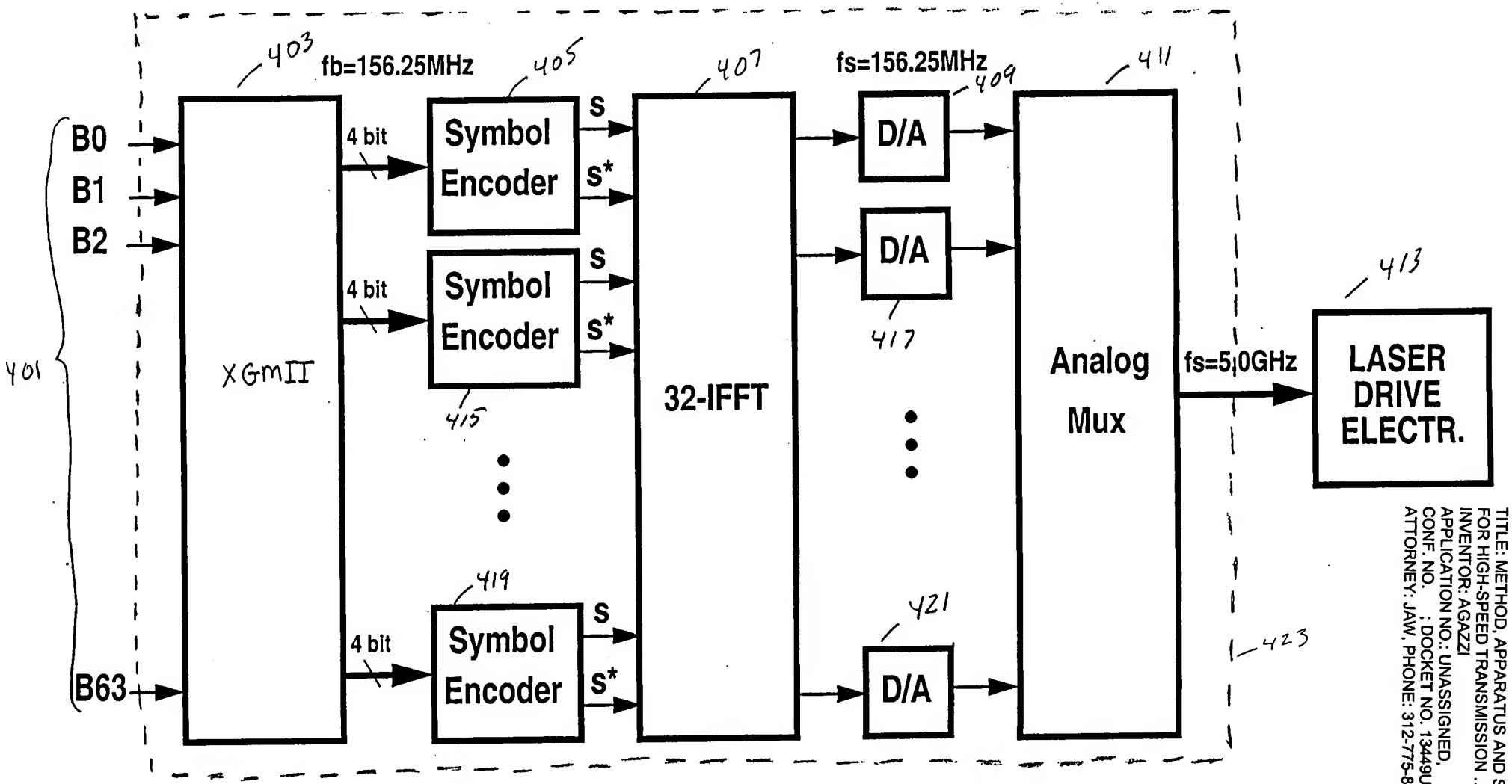


Figure 4

TITLE: METHOD, APPARATUS AND SYSTEM FOR HIGH-SPEED TRANSMISSION ...
INVENTOR: AGAZZI
APPLICATION NO.: UNASSIGNED,
CONF. NO. ; DOCKET NO. 13449US06
ATTORNEY: JAW, PHONE: 312-775-8000

Alternative Implementation of Multicarrier Modulation (Receiver)

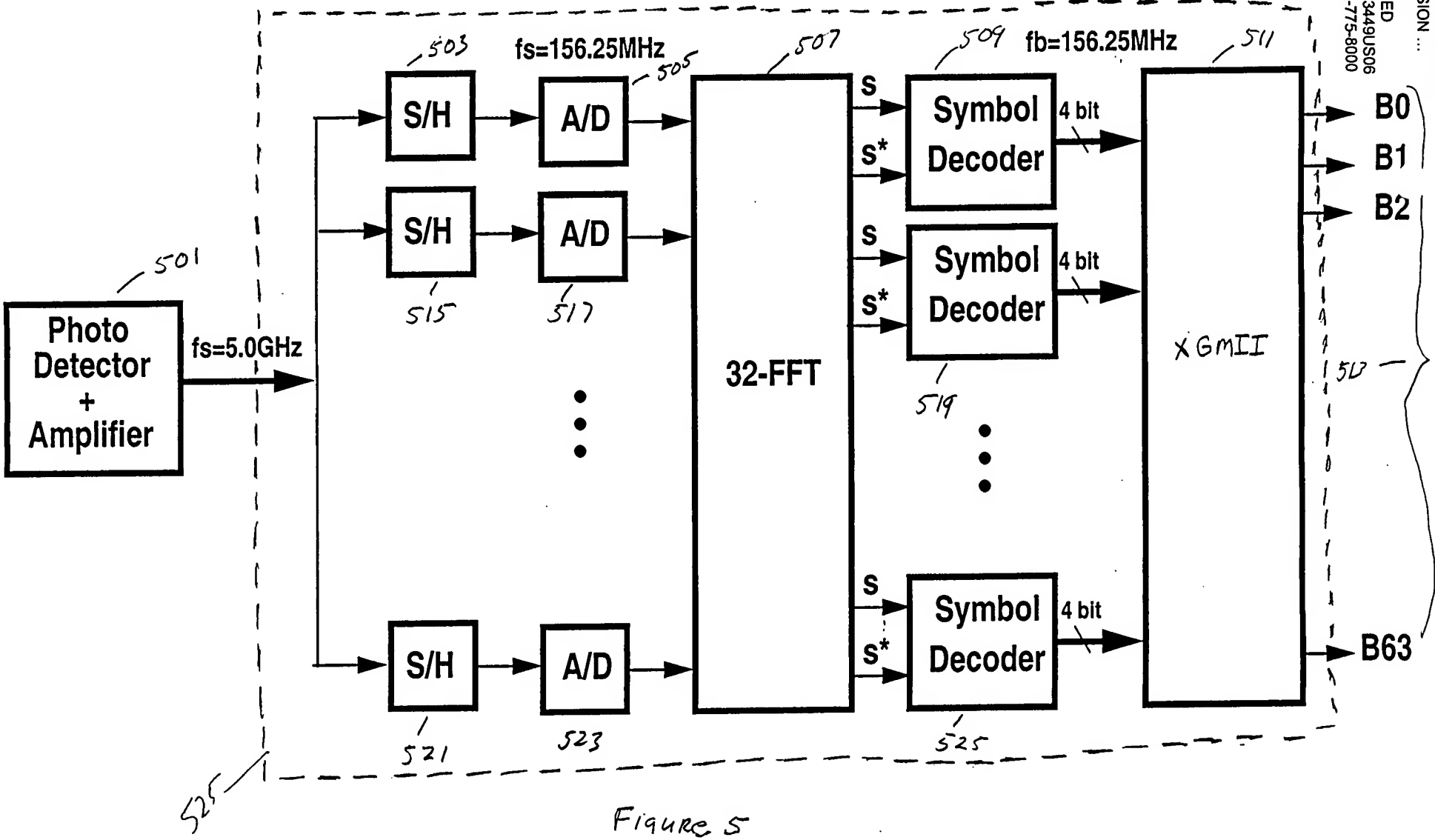


Figure 5

TITLE: METHOD, APPARATUS AND SYSTEM FOR HIGH-SPEED TRANSMISSION ...
INVENTOR: AGAZZI
APPLICATION NO.: UNASSIGNED
CONF. NO. : DOCKET NO. 13449US06
ATTORNEY: JAW, PHONE: 312-775-8000

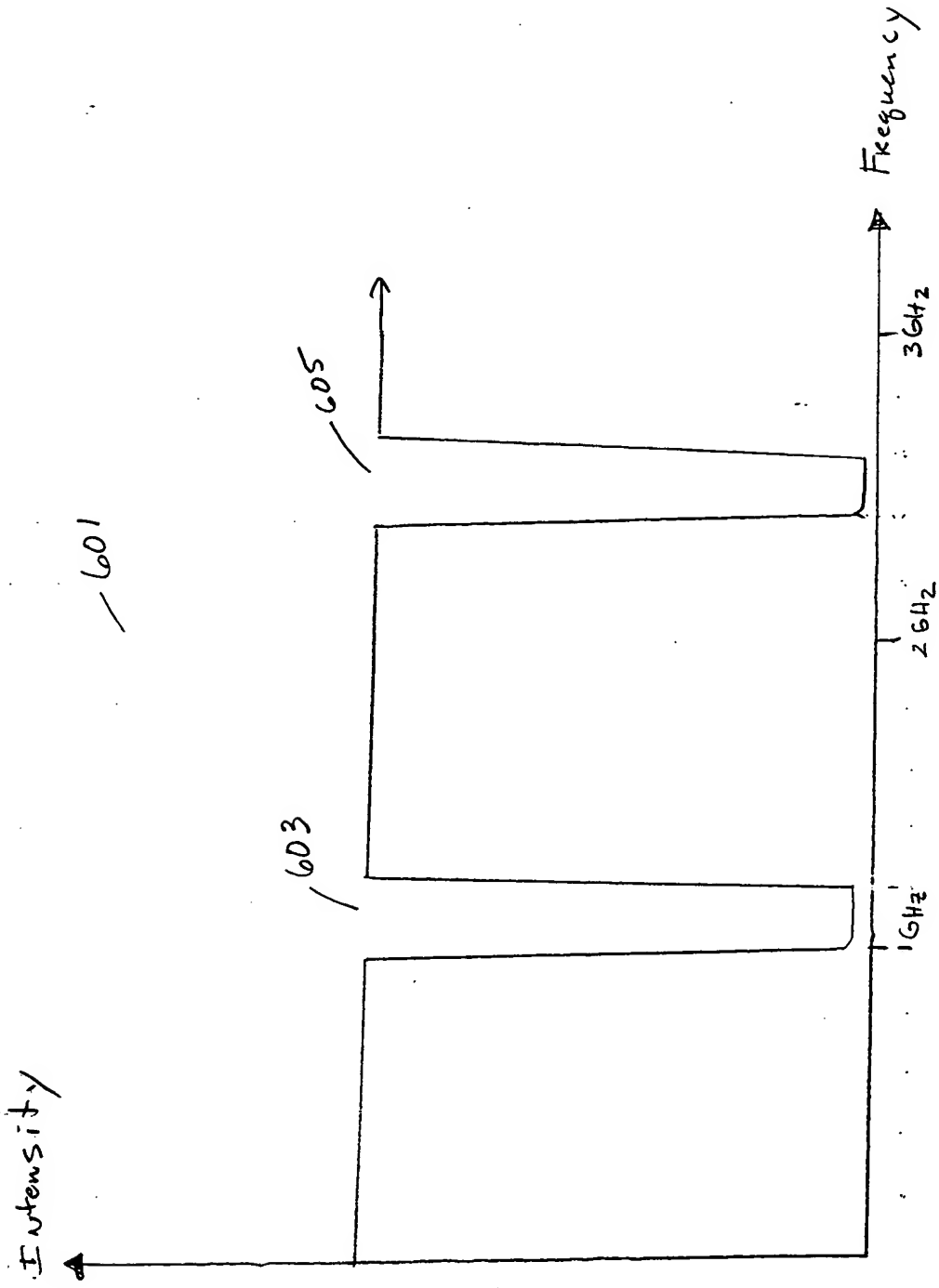


Figure 6

TITLE: METHOD, APPARATUS AND SYSTEM FOR HIGH-SPEED TRANSMISSION ...
INVENTOR: AGAZZI
APPLICATION NO.: UNASSIGNED,
CONF. NO. ; DOCKET NO. 13449US06
ATTORNEY: JAW, PHONE: 312-775-8000

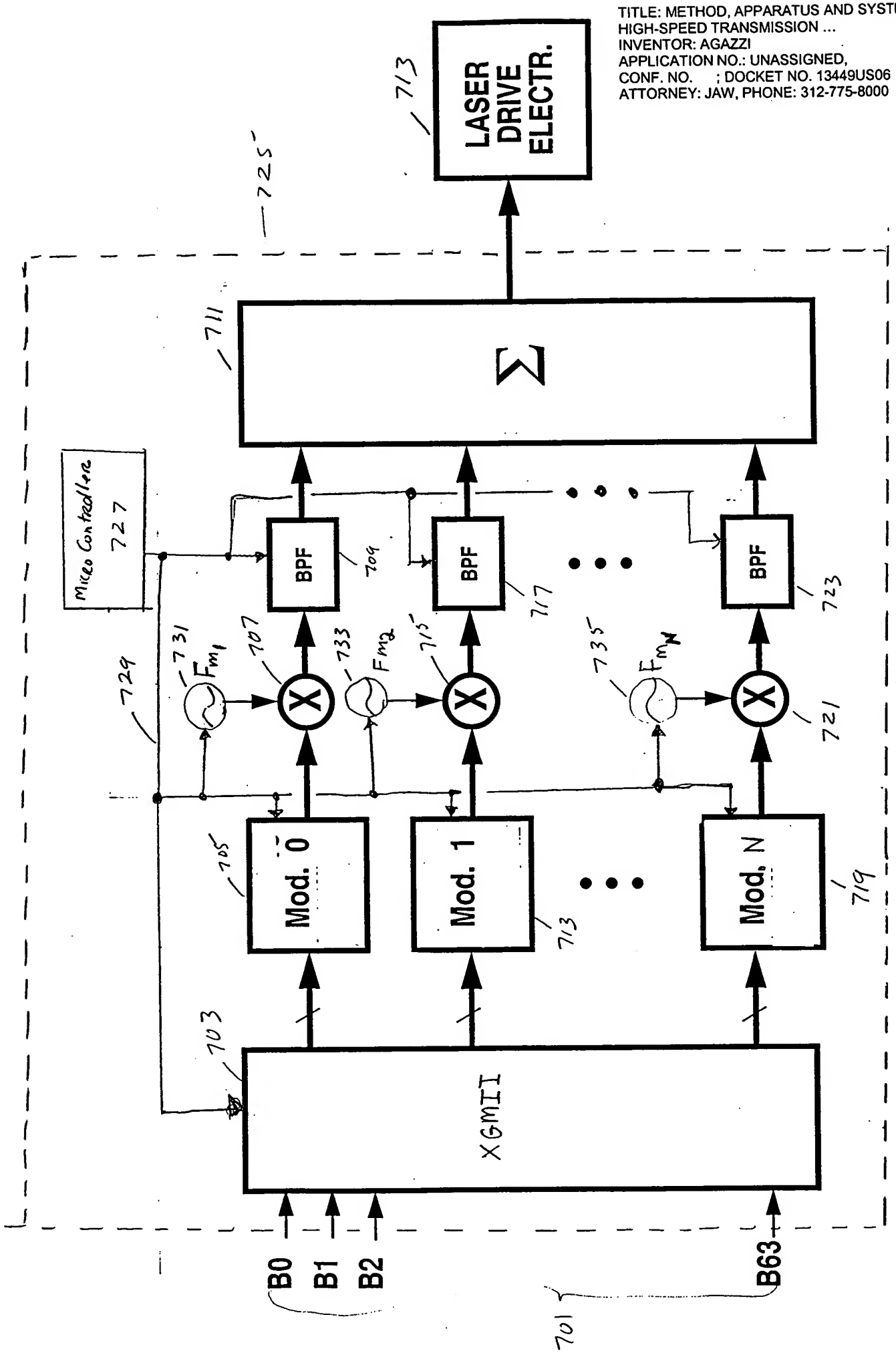


Figure 7A

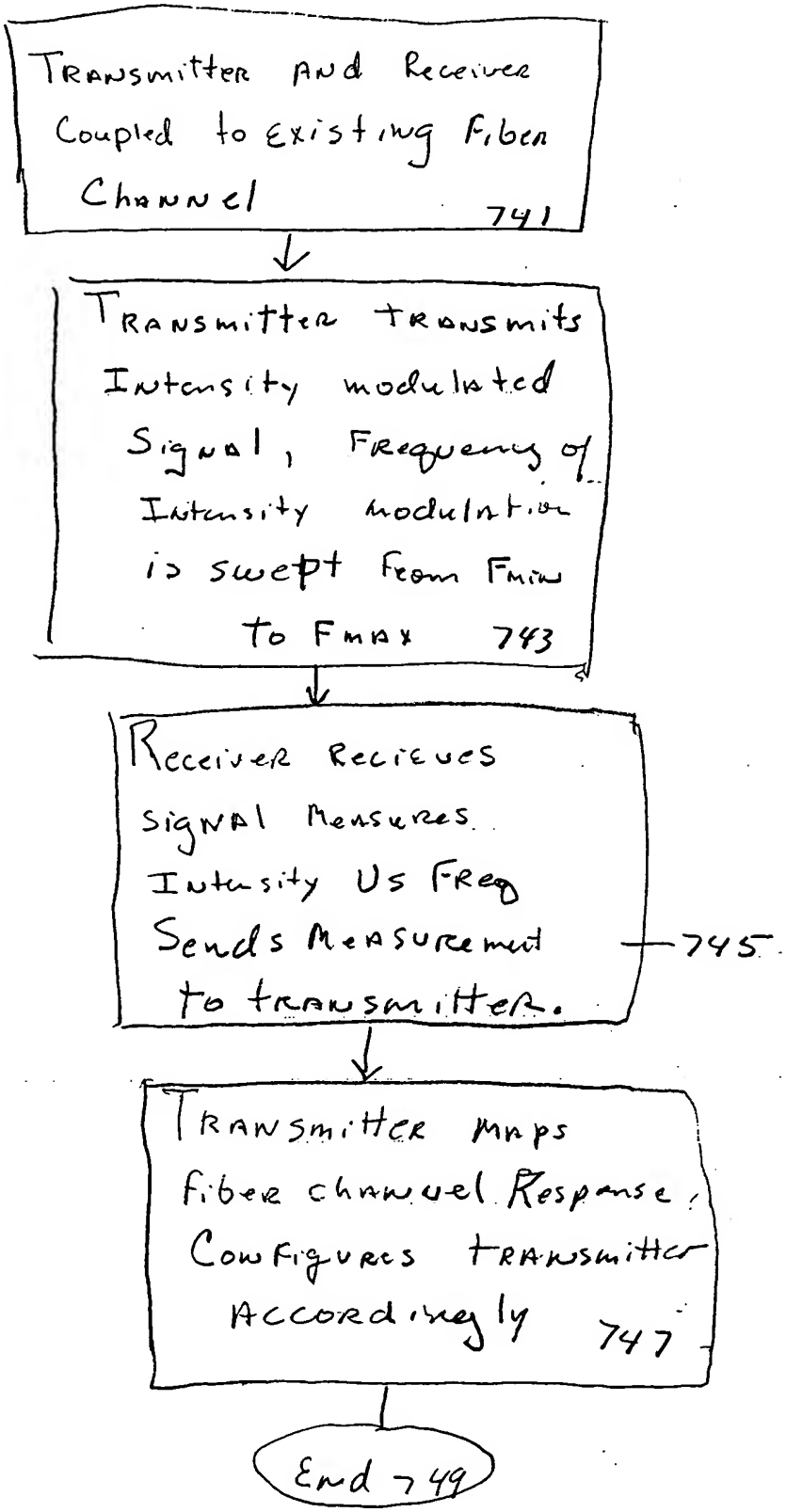

Transmitter and Receiver Coupled to existing Fiber Channel 741
Transmitter transmits Intensity modulated Signal, Frequency of Intensity modulation is swept from Fmin to Fmax 743
Receiver Recieves signal Measures Intensity Vs Freq Sends Measurement to transmitter. 745
Transmitter maps fiber channel Response, Configures transmitter Accordingly 747
End 749

Figure 7B

TITLE: METHOD, APPARATUS AND SYSTEM FOR
HIGH-SPEED TRANSMISSION ...
INVENTOR: AGAZZI
APPLICATION NO.: UNASSIGNED,
CONF. NO. ; DOCKET NO. 13449US06
ATTORNEY: JAW, PHONE: 312-775-8000

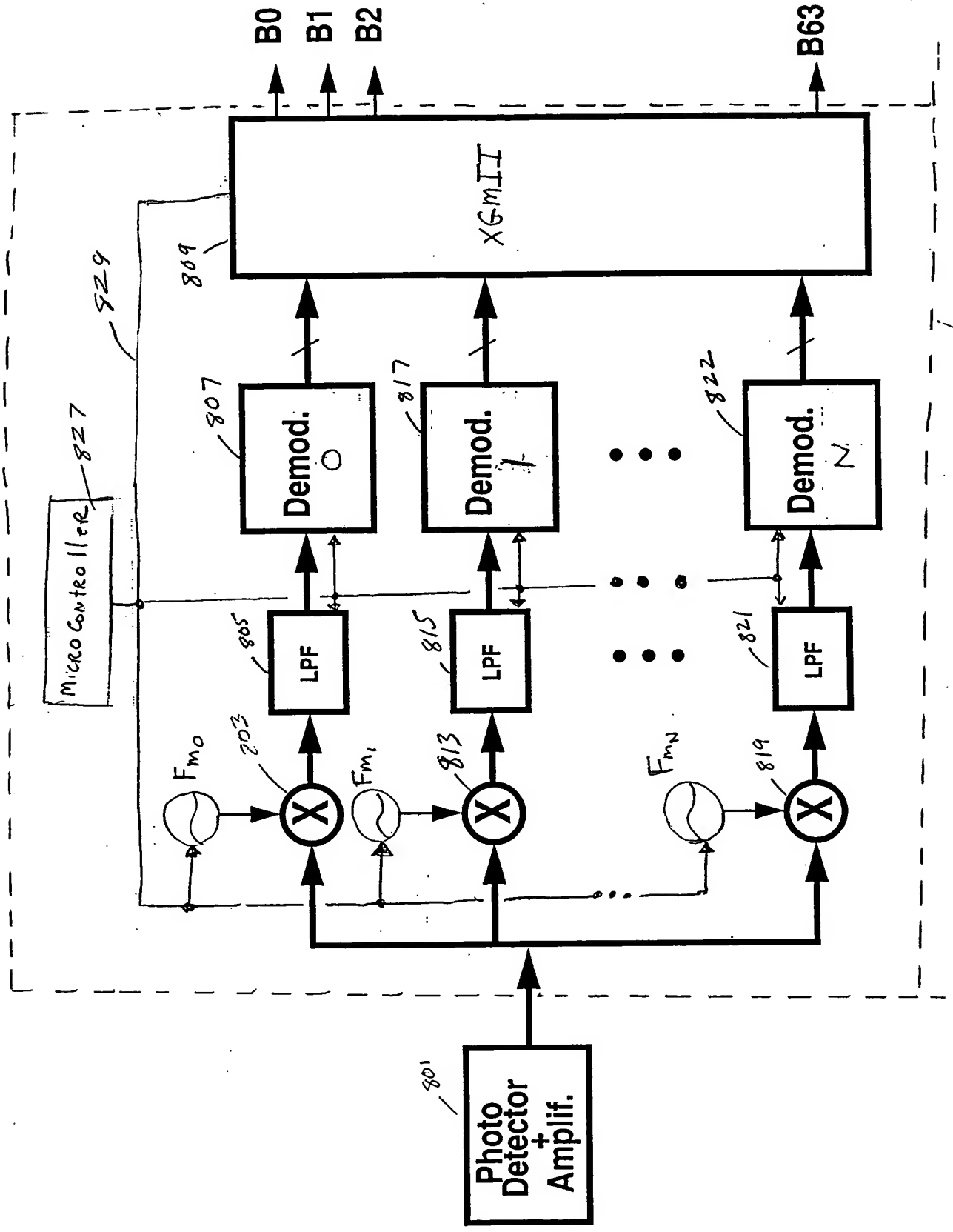


Figure 8

TITLE: METHOD, APPARATUS AND SYSTEM FOR
HIGH-SPEED TRANSMISSION ...
INVENTOR: AGAZZI
APPLICATION NO.: UNASSIGNED,
CONF. NO. ; DOCKET NO. 13449US06
ATTORNEY: JAW, PHONE: 312-775-8000

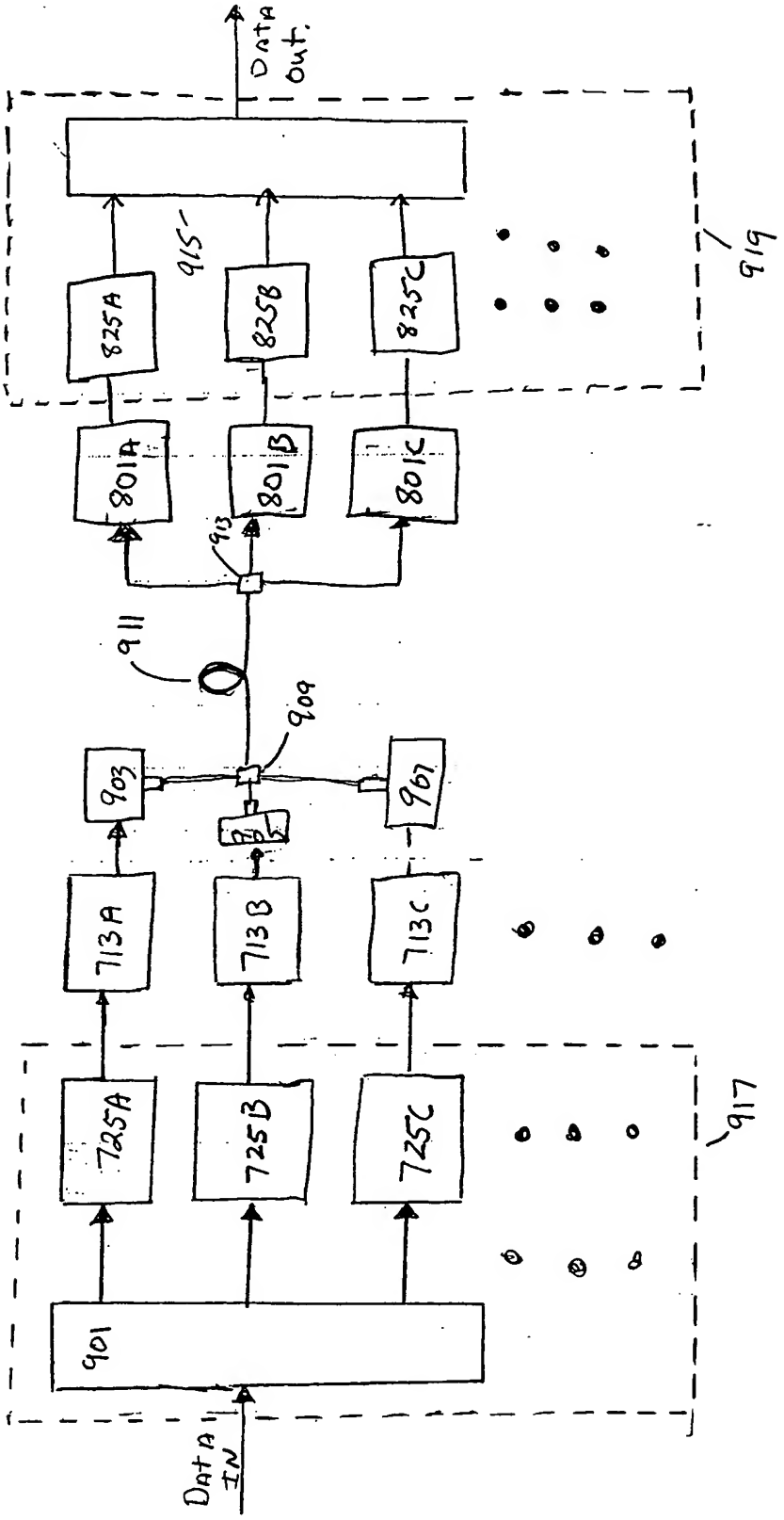


Figure 9

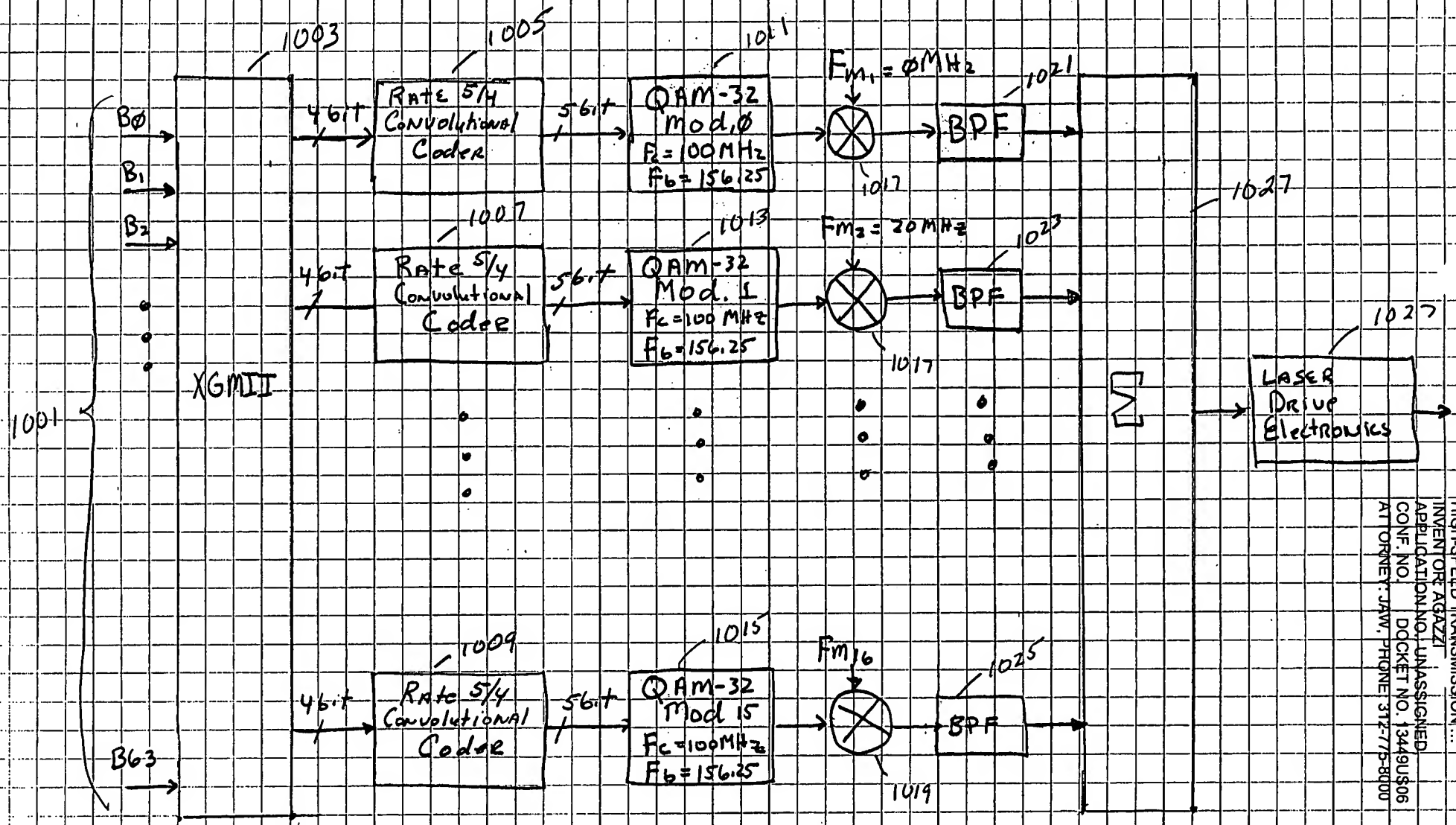


Figure 10

TITLE: METHOD, APPARATUS AND SYSTEM FOR HIGH-SPEED TRANSMISSION ...
INVENTOR: AGAZZI
APPLICATION NO: UNASSIGNED
CONF. NO.
DOCKET NO. 1349US06
ATTORNEY: JAW. PHONE 312-775-8000

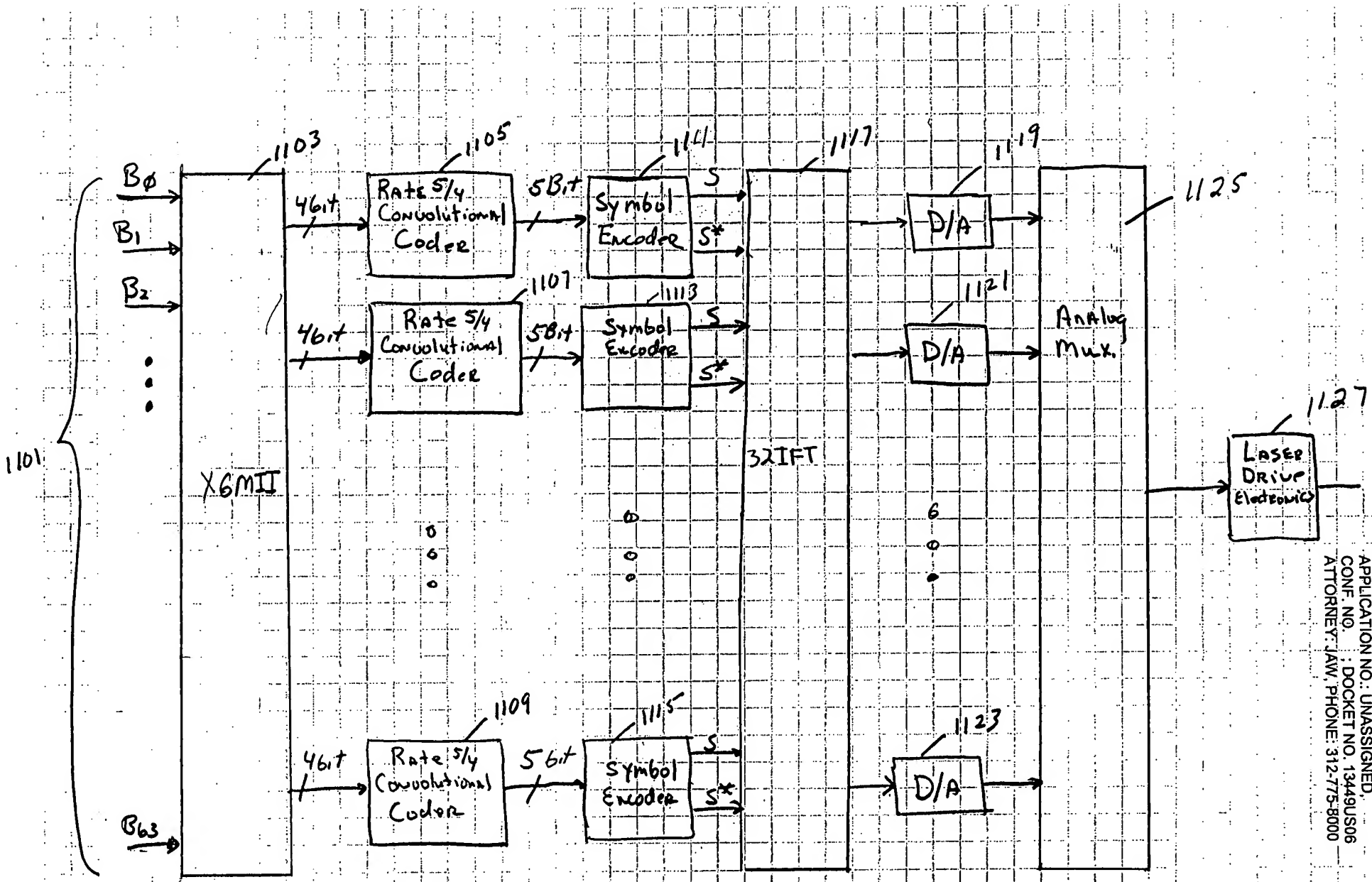


Figure 11

TITLE: METHOD, APPARATUS AND SYSTEM FOR HIGH-SPEED TRANSMISSION ...
INVENTOR: AGAZZI
APPLICATION NO.: UNASSIGNED,
CONF. NO. ; DOCKET NO. 1349US06
ATTORNEY: JAW, PHONE: 312-775-8000

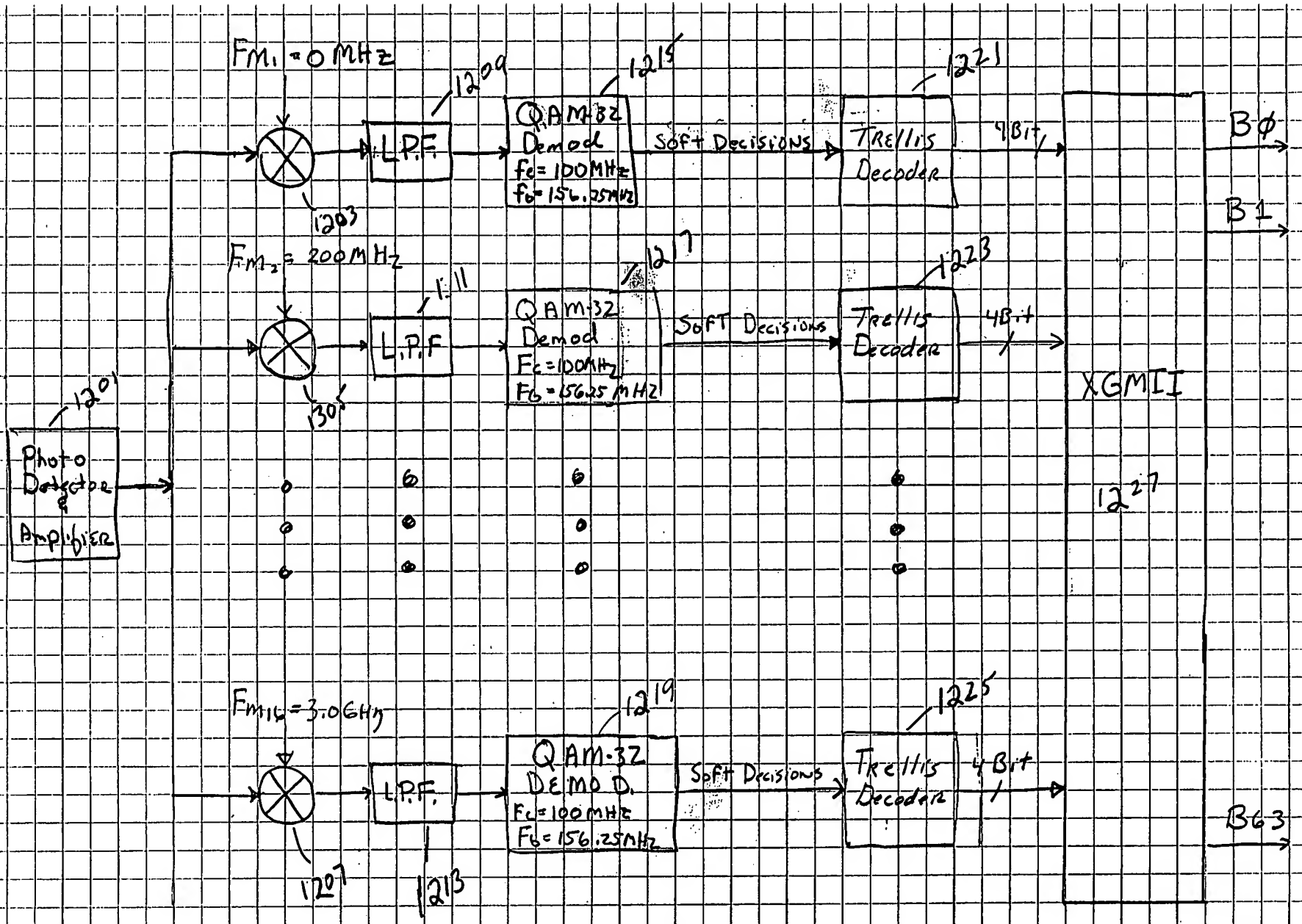


Figure 12c

TITLE: METHOD, APPARATUS AND SYSTEM FOR HIGH-SPEED TRANSMISSION ...
INVENTOR: AGAZZI
APPLICATION NO.: UNASSIGNED,
CONF. NO. ; DOCKET NO. 13449US06
ATTORNEY: LAW, PHONE: 312-775-8000

TITLE: METHOD, APPARATUS AND SYSTEM FOR
HIGH-SPEED TRANSMISSION ...
INVENTOR: AGAZZI
APPLICATION NO.: UNASSIGNED,
CONF. NO. ; DOCKET NO. 13449US06
ATTORNEY: JAW, PHONE: 312-775-8000

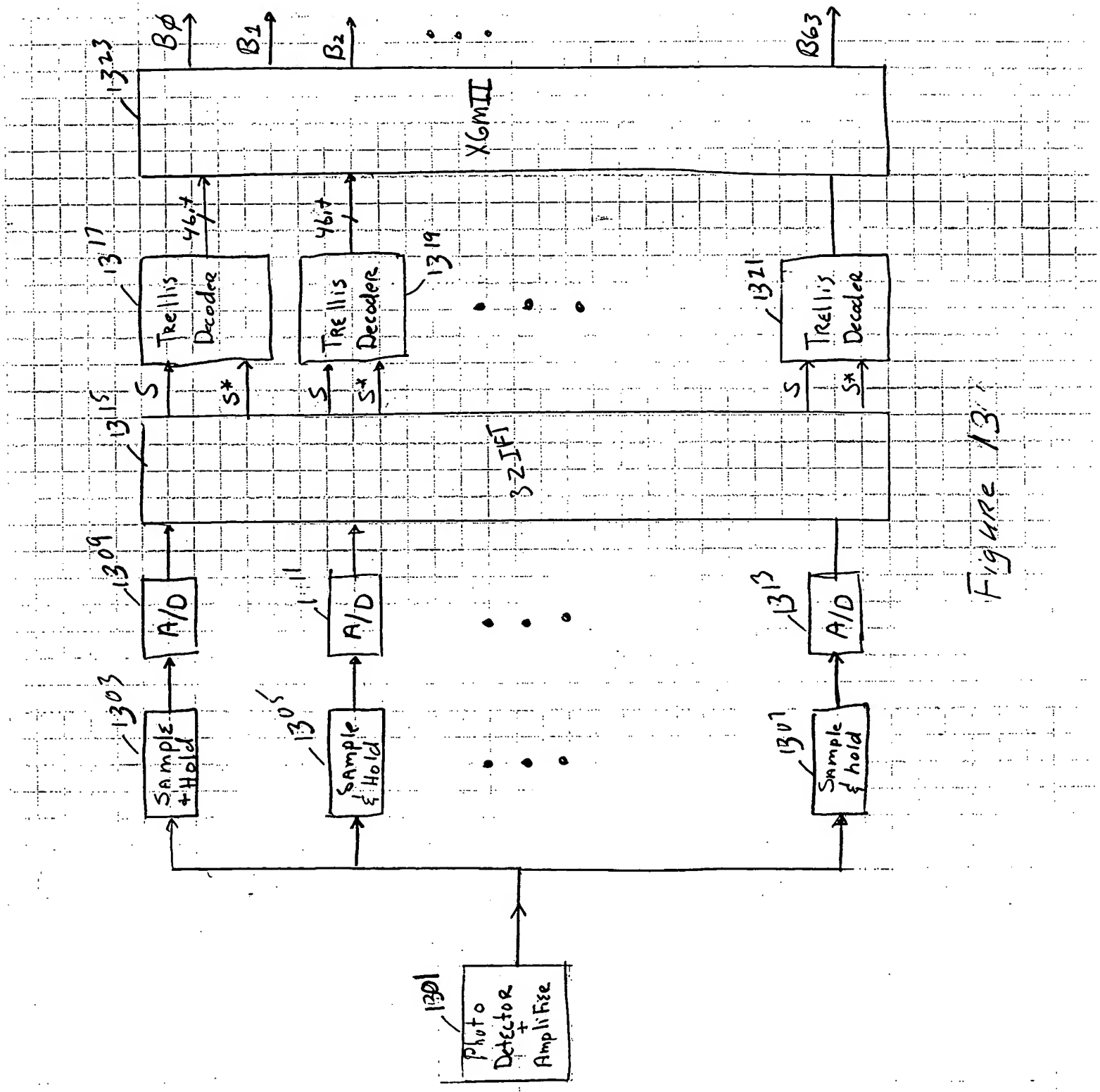


Figure 13